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Contract No. A-101

Amendment No. 2

The Ramo-Wooldridge Corporation  
Los Angeles 45, California

Gentlemen:

1. This document constitutes Amendment No. 2 to Contract No. A-101, dated 31 March 1955, between The Ramo-Wooldridge Corporation, Los Angeles 45, California, and the United States Government and further amends said contract, as amended, as hereinafter set forth.

2. Pursuant to the clause of this contract entitled "Changes," the Government hereby (i) makes certain changes in the specifications of the items of the contract work called for by this contract, (ii) requires performance of certain additional work, and (iii) extends the period of performance for the work called for hereunder, as follows:

(a) Delete SECTION A - CONTRACT WORK of the Schedule of Contract No. A-101 in its entirety and substitute in lieu thereof the following:

"SECTION A - CONTRACT WORK"

I. System 1

A. The Contractor shall furnish all personnel, facilities, materials and supplies necessary for the design, development, fabrication and testing of, and shall deliver to the Government, the following systems and related supplies and equipment:

(1) [redacted] special electronic systems designed to meet performance requirements transmitted verbally by representatives of the Government to a representative of the Contractor, the components and configuration of such systems being

*copy sent to Contractor 2/5/56 by Skp2-19623 X/27*

*orig & 2 copy sent to Contractor 6/21/56 for signature. Presigned by C. B.*

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defined more completely in the section entitled "Components of the Crystal-Video System" appearing in the Technical Exhibit dated 23 February 1955 and identified as CMCC Document No. 1133.1, as modified by CMCC Document No. 151.628 dated 31 May 1955, and CMCC Document No. 1132.2, which set forth certain additional work on System 1, and additional supplies and equipment required in connection with such system and which deletes certain equipment previously provided for;

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- (2) Spare parts for the systems required to be delivered by (1) above, equivalent to a total of three (3) spare systems; and
- (3) Four (4) complete sets of field test equipment designed to permit performance tests on the individual subassemblies and on the complete systems delivered to the Government.

B. The Contractor shall furnish all personnel, facilities, materials and supplies necessary for the preparation of, and shall deliver to the Government, twenty-five (25) copies of a manual describing the principles of operation of the systems required to be delivered by (1) above, and their components, instructions for the installation of the equipment, and simplified instructions for the testing and maintenance of the equipment with the aid of the special field test equipment referred to in (3) above.

## II System 2

A. The Contractor shall furnish all personnel, facilities, materials and supplies necessary for the preliminary basic engineering study and for the subsequent design, construction, laboratory test, and operational flight test of a production prototype of Electronic System No. 2 designed to meet performance requirements transmitted verbally by representatives of the Government to a representative of the Contractor and developed in general accordance with the procedures set

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forth in "Technical Exhibit for System No. 2," dated 31 May 1955, and identified as CMCC Document No. 1133.3. In addition to the production prototype specified herein, the Contractor shall provide a second prototype system for operational use.

B. In addition, the Contractor shall supply the various progress reports, final engineering report, complete set of production drawings, and the proposal presenting the estimated costs and delivery schedule for the required number of production systems, all as set forth in Exhibit A to CMCC Document No. 113.1, dated 31 May 1955, such Exhibit A being further identified as CMCC Document No. 1131.3.

### III System 3

A. The Contractor shall furnish all personnel, facilities, materials and supplies necessary for the preliminary basic engineering study and for the subsequent design, construction, laboratory test, and operational flight test of a production prototype of Electronic System No. 3, designed to meet performance requirements transmitted verbally by representatives of the Government to a representative of the Contractor and developed in general accordance with the procedures set forth in "Technical Exhibit for System No. 3," dated 31 May 1955, and identified as CMCC Document No. 1133.2.

B. In addition, the Contractor shall supply the various progress reports, final engineering report, complete set of production drawings, and the proposal presenting the estimated costs and delivery schedule for the required number of production systems, all as set forth in Exhibit A to CMCC Document No. 113.2, dated 31 May 1955, such Exhibit A being further identified as CMCC Document No. 1131.2.

IV The Technical Exhibits referred to above, as well as the various other CMCC documents referred to above, insofar as they relate to procedures, specifications, requirements, proposed solutions to technical problems and tentative delivery schedules for items required to be delivered under this contract, are hereby incorporated herein with the same force and effect as though fully set forth in this contract, including any modifications to such Technical Exhibits and CMCC documents as may from time to time be proposed by the Contractor and

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agreed to by the Government, or as may be required by the Government and accepted by the Contractor, shall serve as the general outline of the requirements and specifications to be met by the Contractor in the performance of the contract work under this contract. "

(b) Delete SECTION B - DELIVERY of the Schedule of Contract No. A-101 in its entirety and substitute in lieu thereof the following:

"SECTION B - DELIVERY

The items called for under this contract shall be delivered to the Government f. o. b. cars or carrier's equipment at the plant or plants of the Contractor, Los Angeles, California, or the point or points nearest thereto that rail service is available and consigned as directed by the Contracting Officer, in accordance with the following schedule:

I. System I

A. Electronic Systems Proper and Spare Parts:

- (1) Delivery of the first system, plus the first complete set of spare parts, will be made on or before 1 August 1955;

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D. Manuals:

The twenty-five (25) copies of the manual shall be delivered to the Government on or before 1 September 1955.

II System 2

Delivery of production prototype, progress reports, final engineering report, production drawings and proposal on basis of schedule set forth in CMCC Document No. 1131.3.

III System 3

Delivery of production prototype, progress reports, final engineering report, production drawings and proposal on basis of schedule set forth in CMCC Document No. 1131.2."

(c) In consideration of the Contractor's performance of the additional work stated in SECTION A - CONTRACT WORK, delete

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✓ subsections 1 and 2 of SECTION E - ESTIMATED COST AND FIXED FEE of the Schedule and substitute in lieu thereof the following:

(d) Under SECTION J - PERIOD OF PERFORMANCE of the Schedule, delete the date of 1 December 1955 and substitute in lieu thereof the date of 1 March 1956.

3. All other terms, conditions and requirements of Contract No. A-101 remain unchanged.

4. Please indicate your receipt of this Amendment No. 2 to Contract No. A-101 and your acceptance thereof by executing the original and the two copies of this Amendment. Return the fully executed original and one copy of this Amendment to the undersigned and retain the remaining copy for your files.

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Very truly yours,

Contracting Officer

ACKNOWLEDGED AND ACCEPTED:

THE RAMO-WOOLDRIDGE CORPORATION

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By

Title

Date

28 June, 1955

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